Index of Claims

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| App | licat | ion/C | Contr | ol | No. |

10/824,107

Examiner

Jason L. Lazorcik

Applicant(s)/Patent under Reexamination

DUESCHER, WAYNE O.

Art Unit

1731

| 1 | Rejected |
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|   | Allowed  |

| _ | (Through numeral)<br>Cancelled |
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| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| ı | Interference |

| A | Appeal   |
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| Cla      |             | Date           |          |          |              |           |          |          |              | $\dashv$ |          |          |                 |   |
| Final    | Original    | 7/5/06         |          |          |              |           |          |          |              |          |          |          |                 |   |
|          | 1           | N              | _        | t        | t            | _         | $\vdash$ | t        |              |          | t        | 7        |                 |   |
|          | 1<br>2<br>3 | Z >            | _        | ✝        | $^{\dagger}$ |           | Г        | 1        | $\neg$       |          | T        | T        |                 |   |
|          | 3           | 1              | _        | ╁        | Ť            |           | Г        | T        |              |          | Т        |          |                 |   |
|          | 4           | 1              |          | 1        | 1            |           | Г        | 1        |              |          |          | I        |                 |   |
|          | 5           | 1              |          | T        | 1            |           | Г        | 1        |              |          | I        |          |                 |   |
| <u> </u> | 4<br>5<br>6 | 1              |          | Т        | T            |           |          | $\Box$   |              | Ш        |          |          | $\Box$          |   |
|          | 7           | 1              |          | L        | I            |           | L        | $\perp$  |              |          | ┵        | _        | _               |   |
|          | 8           | 1              |          | L        | 1            | _         | L        | 4        |              | L        | 4        | 4        | ᅴ               |   |
|          | 9_          |                |          | L        | 1            | _         | L        | 4        |              | L        | 4        | _        | _               |   |
|          | 10          | V              | L        | ┸        | 4            |           | 1        | 4        |              | Ļ        | 4        | -        | _               |   |
|          | 11          | 1              | L        | 1        | 4            | _         | 1        | 4        | _            | ┞        | +        | 4        |                 |   |
| <u></u>  | 12          | V              | $\perp$  | +        | 4            |           | +        | -        |              | $\vdash$ | +        | -        |                 |   |
|          | 13<br>14    | 1              | 1        | -        | 4            | _         | ╀        | 4        |              | ╀        | +        | $\dashv$ | $\dashv$        | i |
| <u> </u> | 14          | 1              | $\vdash$ | +        | 4            | _         | +        | 4        |              | +        | +        |          | $\vdash$        |   |
|          | 15<br>16    | 1              | ╀        | +        | $\dashv$     | _         | ╀        | $\dashv$ |              | ╀        | +        |          | $\vdash \dashv$ |   |
| <u> </u> | 10          | 1              | ╁        | ╁        | +            |           | +        | -        |              | +        | 7        |          | H               |   |
| -        | 17<br>18    | 1              | ╁        | +        | -            | -         | ╁        | _        |              | +        | 7        |          | H               | ĺ |
| -        | 19          | 1              | ╁        | +        | ┪            |           | ╁        |          |              | t        | 7        | _        |                 |   |
| -        | 20          | V              | +        | ╁        | 1            | _         | +        | -        | H            | 十        | 7        | _        |                 | ١ |
| -        | 21          | Τż             | t        | +        | $\neg$       | _         | t        | _        | -            | Ť        | $\neg$   |          |                 | 1 |
| -        | 22          | Ň              | t        | 十        | 7            | _         | 十        | _        | Г            | 1        | 7        |          |                 | 1 |
| -        | 23          | N              |          | +        |              |           | 1        |          | Г            | T        | $\neg$   |          |                 | 1 |
|          | 24          | N              | T        | $\top$   |              | Г         | 1        |          | Г            | Ţ        |          |          |                 | ] |
|          | 25          | N              | Т        | T        |              |           | T        |          |              | 1        |          |          |                 | ļ |
|          | 26<br>27    | N              | П        | 1        |              |           |          |          |              | 1        |          | _        | <u> </u>        | 1 |
|          | 27          | N              |          |          |              |           | 1        | _        | L            | 4        |          | _        | <u> </u>        | 1 |
|          | 28          | l N            | Щ        | $\perp$  | _            | L         | 1        | _        | L            | 4        |          | L        | ╄               | 4 |
|          | 29          | N              | 4        | $\perp$  |              | L         | 4        | _        | ┡            | 4        | _        | <u> </u> | ├               | ┨ |
|          | 30          | 1              |          | 4        |              | L         | 4        | _        | ╄            | 4        | _        | -        | ╀               | 4 |
| <u> </u> | 31          | 1              | 4        | 4        | _            | ╀         | 4        |          | ╀            | +        | _        | -        | ╁               | 4 |
|          | 32          | -              | +        | -1       |              | +         | +        |          | ╁            | +        |          | $\vdash$ | ╀               | ┨ |
| $\vdash$ | 33          | 1              | +        | -        | _            | ╁         | +        |          | ╁            | +        |          | -        | ╁               | ┨ |
| -        | 34<br>35    | +              | +        | +        | _            | +         | $\dashv$ |          | t            | +        |          | $\vdash$ | +               | ┪ |
| -        | 36          | <del>'</del> + | +        | -        | _            | t         | ┪        |          | $^{\dagger}$ | +        | _        | T        | $\top$          | ┪ |
| $\vdash$ | 37          | ;+             | +        | $\dashv$ |              | $\dagger$ | $\dashv$ | _        | $^{+}$       | 7        |          | T        | $\top$          | ٦ |
| -        | 38          | 3              | +        | $\dashv$ | _            | t         | $\dashv$ |          | +            | ┪        |          | T        | $\top$          | ٦ |
| $\vdash$ | 39          | 1              | 7        |          | _            | Ť         |          |          | T            | 7        |          | Γ        |                 | ] |
|          | 40          | 51             | 7        | ┪        | _            | 1         |          | L        | 1            |          |          |          | $\perp$         |   |
|          | 4           | 1              |          |          |              | I         |          |          | Ι            |          |          | L        | L               |   |
|          | 42          | 2              | $\Box$   |          |              | I         |          |          | $\perp$      |          | _        | Ļ        | 1               | _ |
|          | 4:          | 3              | $\Box$   |          |              | 1         |          | L        | $\bot$       | _        | _        | 1        | $\perp$         |   |
|          | 4           | 4              | $\perp$  |          | _            | 1         |          | L        | 4            | _        |          | $\perp$  | +               | _ |
|          | 4           | 5              | _        |          | L            | 1         |          | 1        | +            |          | _        | +        | +               | _ |
| _        | 4           | 6              | _        | _        | _            | +         | _        | $\vdash$ | +            | _        |          | +        | +               | _ |
| <u> </u> | 4           | <u> </u>       | -        |          | L            | +         | _        | +        | +            | _        | <u> </u> | ╀        | +               | _ |
| <u> </u> | 4           |                | -        | _        | -            | +         | _        | ╀        | +            |          | ┝        | +        | +-              | _ |
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|                  | 51       | _        | Ť |        | Γ | _ | Г | ٦        |   |    |   | Т        |         | Г | T        |        | ]        |
|                  | 52       |          | T |        | T |   | Г |          |   | ٦  |   | T        |         | Г | T        |        | ]        |
|                  | 53       | Т        | 1 |        | Γ |   | Г |          |   | ٦  |   | Ţ        |         |   | I        |        | ]        |
|                  | 54       | Г        | 1 |        | T |   | Γ |          |   |    |   | Ι        |         |   |          |        | _        |
|                  | 55       |          | T |        | Τ |   | Г |          |   |    |   | 1        |         |   | _        | _      | ╛        |
|                  | 56       |          | T |        | Ī |   |   |          |   |    |   |          | _       | L | _        |        | 1        |
|                  | 57       |          | Ţ |        |   |   |   |          | L |    | L | $\perp$  | _       | L | _        | _      | 4        |
|                  | 58       |          |   |        | L | _ | L | _        | L |    | L | 4        |         | L | 4        | _      | 4.       |
|                  | 59       | L        | 1 |        | ↓ |   | Ļ |          | L | _  | L | 4        |         | ╀ | 4        |        | 4.       |
|                  | 60       | L        | 1 | _      | 1 | _ | Ļ | _        | Ļ | _  | L | 4        |         | ╀ | _        | _      | 4        |
|                  | 61       | Ļ        | 4 |        | 4 |   | 1 |          | L |    | Ļ | 4        | _       | ╀ | _        | _      | 4        |
|                  | 62<br>63 | Ļ        | 4 | _      | 1 | _ | + | _        | ŀ | _  | Ł | -        |         | ╀ | _        | _      | ┨.       |
|                  | 63       | ╄        | 4 | _      | + | _ | + | _        | ╀ |    | ╁ | -1       |         | ╁ | _        |        | -        |
|                  | 64<br>65 | ╀        | + | _      | + | _ | + | _        | ╀ | _  | ╀ | $\dashv$ | _       | ╁ | _        | ┝╌     | $\dashv$ |
|                  | 66       | ╀        | + | _      | + | - | + | _        | ╁ | _  | ╁ | +        | _       | ╁ | _        | ┝      | ┤`       |
|                  | 67       | ╁        | + | _      | + | _ | † | _        | t | _  | t | _        |         | † |          | Г      | 7        |
| <del>  -</del> - | 68       | t        | + | _      | + | _ | † |          | t | _  | t |          | Т       | † | _        | Г      | 7        |
| <u> </u>         | 68<br>69 | t        | 1 | _      | 1 | _ | † | _        | t | _  | t |          |         | † |          |        |          |
| _                | 70       | 1        | ┪ | _      | 7 |   | † |          | Ť |    | T |          |         | T |          |        | ]:       |
| _                | 71       | †        |   |        | T |   | T |          | 1 |    | T |          |         |   |          |        |          |
|                  | 72<br>73 |          | ٦ |        |   |   | I |          | Ι |    |   |          | L       | 1 | _        | L      | _        |
|                  | 73       | Τ        |   |        |   |   |   |          | 1 | _  | 1 |          | L       | 4 | _        | L      | 4        |
|                  | 74       | $\perp$  |   | L      |   |   | 4 |          | 4 |    | 1 |          | ┡       | 4 |          | ┡      | 4        |
| <u> </u>         | 75       | 4        |   | L      |   | _ | 4 | _        | 4 | _  | + | _        | ┞       | 4 | _        | ╀      | 4        |
| <u></u>          | 76<br>77 | +        |   | L      | _ | _ | 4 | _        | + |    | + |          | ┝       | + | _        | ╁      | ᅥ        |
| ├—               | 1//      | +        | _ | ┝      | - | H | 4 | _        | + | _  | + |          | ╁       | + | _        | t      |          |
| -                | 78<br>79 | +        | _ | H      | - | H | ┥ |          | ┪ | _  | ╁ |          | ╁       | + | -        | ╁      | $\dashv$ |
| $\vdash$         | 80       | +        | - | ╁      | _ | ┝ | 1 |          | + |    | † | _        | t       | 7 |          | t      | ┪        |
| -                | 81       | +        | _ | t      | - | H |   | _        | 7 | _  | 1 | _        | T       | ٦ |          | T      | $\neg$   |
|                  | 82       | 1        | _ | t      |   | T | _ |          | ٦ | _  | 7 |          | T       | ╗ |          | T      | $\neg$   |
|                  | 83       | 1        |   | T      |   | Γ |   |          |   |    |   |          | T       |   | _        | Ι      |          |
|                  | 84       | П        |   |        |   |   |   |          |   |    |   |          | L       |   | _        | 1      | Ц        |
|                  | 85       | 5        |   |        |   | L |   | L        |   | L  | _ |          | Ļ       |   |          | 4      | _        |
|                  | 86       | <u>:</u> | _ | ļ      | _ | L | _ | L        | _ | L  | 4 |          | 1       | _ | _        | 4      | 4        |
| _                | 87       | 4        | _ | ╀      | _ | ļ | _ | ┞        | _ | L  | 4 |          | +       |   | ļ        | +      | -        |
|                  | 88       | <u> </u> | _ | ł      | _ | ╀ | _ | ╀        | _ | ┞  | 4 | _        | ╀       | _ | H        | +      | -        |
| -                | 90       | 쒸        | _ | +      |   | ╀ |   | ╀        |   | ┝  | - | _        | +       | _ | ┝        | $^{+}$ | _        |
| <u> </u>         | 9        | 쉬        | _ | $^{+}$ | _ | t |   | H        | - | H  | _ | $\vdash$ | +       | _ | $\vdash$ | +      | _        |
| -                | 92       | ;┤       | _ | +      | _ | t | _ | t        | _ | t  | - | ┢        | t       | _ | t        | 7      | _        |
| -                | 93       | 3        | _ | t      | _ | t |   | t        | _ | t  | _ | Г        | +       |   | T        | 7      |          |
| $\vdash$         | 9        | 4        | _ | t      | _ | t | _ | t        |   | T  |   |          |         |   |          |        |          |
|                  | 9:       | 5        | _ | 1      |   | 1 |   | I        |   | Ι  |   | L        | I       |   | L        | I      |          |
|                  | 9        | 6        |   | I      |   | I |   | Ι        |   |    |   |          | $\perp$ |   | L        | _      |          |
|                  | 9        | 7_       |   | I      |   | I |   | Γ        |   | Ĺ  |   | Ĺ        | 1       | _ | L        | 4      |          |
|                  | 9        | 8        |   | 1      | _ | 1 | _ | 1        |   | 1  | _ | L        | 4       | _ | 1        | 4      |          |
|                  | 9        |          | _ | 4      | _ | 4 | _ | 4        |   | 1  |   | L        | 4       | _ | ╀        | 4      |          |
| L.               | 10       | 00       |   | _      | _ | L | _ | 1        | _ | L  |   | L        |         | _ | L        |        |          |

|              | 1          |            | L.       |   | - | _ | _ |           | _  | _        | _ | _        | J |    |   |          |          |
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| Final        | igi        |            | 1        |   |   | 1 |   | ١         |    |          |   |          | 1 |    | l |          |          |
| ш            | ŏ          | l          |          |   |   | 1 |   | l         |    | l        |   | ١        | 1 |    | l |          |          |
|              | 101        | -          | ╁        |   | - | ┪ | _ | 1         | _  | †        | _ | t        | 7 | _  | t | _        |          |
| <del> </del> | 102        | ┢          | t        | _ | Г | 1 | _ | 1         | _  | †        |   | T        |   | _  | Ť |          |          |
| <u> </u>     | 103        | ╁          | †        | _ | Г |   |   | 1         |    | †        |   | T        |   |    | Ť |          | İ        |
| <b>-</b>     | 104        | ┢          | T        | _ | Г |   |   | ٦         |    | 1        |   | T        |   |    | T |          |          |
|              | 104<br>105 | 1          | T        |   |   |   |   |           |    | I        |   | Ι        |   |    | 1 |          |          |
|              | 106<br>107 |            | T        |   | L |   |   |           | L  |          |   | ļ        |   | L  | 1 | _        |          |
|              | 107        | L          | I        |   | L | _ | L |           |    | 4        |   | 1        |   | L  | 4 |          | ļ        |
|              | 108<br>109 | ┖          | ļ        | _ | L | _ | L |           | L  | 4        |   | 1        |   | -  | 4 |          |          |
| ·L           | 109        | ↓_         | 4        | _ | Ļ |   | L |           | L  | 4        |   | +        | _ | ┡  | + |          | 1        |
|              | 110        | <b>↓</b> _ | +        | _ | ╀ |   | ┞ |           | H  | ┥        | _ | ╁        | _ | ╀  | + | _        | ┨        |
|              | 111        | ╀          | +        | _ | ł | _ | ├ | _         | ┝  | $\dashv$ | _ | +        | _ | ╁  | + |          | ┨        |
| <b> </b>     | 112<br>113 | ╁          | +        |   | ╁ |   | ╁ | _         | ┝  | -        | _ | $^{+}$   |   | ╁  | + | _        | 1        |
| -            | 114        | ╁          | +        | _ | t |   | t | _         | t  | -        |   | †        | _ | t  | 7 |          | 1        |
| -            | 114<br>115 | +          | ╁        |   | t |   | t |           | t  | _        | Т | †        |   | t  | 7 | _        | 1        |
| -            | 116        | t          | T        |   | † |   | T |           | T  |          |   | 1        |   | Τ. |   |          | ]        |
|              | 117        | Т          | 1        |   | Ť |   | T |           |    |          |   |          |   | L  |   |          | ]        |
|              | 118        | T          | T        |   | I |   | L |           | L  |          | L | 1        |   | ┸  |   | <u>_</u> | 1        |
|              | 119        |            | _        |   | 1 |   | Ļ |           | ╀  | _        | L | 4        |   | ╀  |   | _        | 4        |
|              | 120        | 4          | 4        |   | 4 |   | 1 |           | 4  |          | L | 4        | _ | +  |   | -        | 4        |
|              | 121<br>122 | _          | 4        | _ | 4 | _ | + | _         | +  | _        | ┝ | 4        |   | ╀  | _ | ┝        | $\dashv$ |
| ļ            | 122        | -          | 4        | _ | + |   | ╀ | _         | ╁  |          | ╁ | $\dashv$ | _ | ╁  |   | ├        | $\dashv$ |
| <u> </u>     | 123<br>124 | +          | $\dashv$ | _ | + |   | + | _         | ╁  | _        | ╁ | $\dashv$ | _ | +  |   | $\vdash$ | ┨        |
| -            | 124        | +          | $\dashv$ | - | + | - | + |           | +  | _        | t | 7        |   | †  | _ | t        | 1        |
| <b>-</b>     | 125        | $\div$     | ┪        | _ | 1 | _ | + | _         | t  | _        | t |          | _ | 1  | _ | Τ        | 7        |
|              | 127        | 7          | ┪        | _ | 7 | _ | T | _         | 1  |          | T |          |   | T  |   |          | ]        |
|              | 128        | 3          |          | _ | ٦ |   | 1 |           |    |          | T |          |   | I  |   | L        |          |
|              | 129        | <b>€</b>   |          |   |   |   | I |           | I  |          | L |          | _ | 4  |   | L        | 4        |
|              | 130        | וכ         |          |   |   |   | 1 |           | 4  |          | 1 | _        |   | 4  |   | ╄        | 4        |
|              | 131        | 1          |          | _ |   | _ | 4 |           | 4  | _        | - |          | ┡ | 4  |   | ╀        | $\dashv$ |
| <u> </u>     | 132        | 2          |          | _ | _ | _ | + |           | +  |          | + |          | ┝ | +  | _ | ╀        | $\dashv$ |
| <u> </u>     | 133        | 3          | _        | _ | _ | L | + | _         | +  |          | ╁ |          | ╁ | ┪  |   | ╁        | $\dashv$ |
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| +            | 130        | <u> </u>   | _        | r | - | ┢ | 7 | _         | 1  | _        | + | _        | T | 7  |   | t        |          |
|              | 13         | 71         |          | H | _ | Г | 7 |           |    | _        | T |          | T | ٦  |   | T        |          |
|              | 13         | 8          | _        | Γ |   | Γ | ٦ |           |    |          | T |          | Γ |    |   |          |          |
|              | 13         | 9          |          |   |   |   |   |           |    |          | 1 |          | L | _  |   | ┸        | _        |
|              | 14         | Ō          |          | L |   | L | _ |           | 4  | L        | 1 | _        | ╀ | 4  |   | 4        |          |
|              | 14         | 1          | _        | L | _ | Ļ | _ | _         |    | L        | 4 |          | + | _  |   | +        | _        |
| _            | 14         | <u>2</u>   |          | Ļ | _ | Ļ | _ | L         | 4  | L        | + | _        | ╀ | _  | _ | +        | _        |
| .  _         | 14         |            |          | H | _ | ╀ | - | H         | -  | $\vdash$ | + |          | + | _  | - | +        | _        |
| -            | 14         |            |          | + | _ | ╀ | _ | $\vdash$  | -  | $\vdash$ | + | _        | + | _  | H | +        | _        |
| -  -         | 14         |            |          | t |   | t | _ | $\dagger$ | _  | H        | + | _        | t |    |   | +        | _        |
| $\vdash$     | 14         | Ť          | _        | t | _ | t | _ | r         |    | Г        | 7 |          | † | _  | Γ | _        | _        |
| <u> </u>     | 14         | 8          | _        | † | _ | t |   | T         |    | Γ        |   |          | Ī |    |   | I        |          |
|              | 14         | Ö          |          | Ţ |   | I |   |           |    | L        |   |          | I |    |   | $\perp$  |          |
|              | 15         | 0          |          | Ī |   | Ι |   |           |    |          |   |          |   |    |   |          |          |
| _            |            |            |          | _ |   | _ |   |           |    |          |   |          |   |    |   |          |          |